

# Automatic Air Valve

## for wastewater, operating pressure of 0 - 16 bar



### Product description

- Direct automatic air inflow and release valve for wastewater
- Operates automatically
- Max. air release capacity: 230 m<sup>3</sup>/h
- Max. size of the opening: 480 mm<sup>2</sup>
- Sealing face is not in contact with the wastewater
- The two joints facilitate easy and excellent flushing at maintenance.  
The flushing water is introduced via the upper exhaust opening.  
Solids are flushed out via the ball valve connector
- All mechanical parts of corrosion resistant materials
- Flange measured and drilled in accordance with EN 1092-2-PN 10 (standard); EN 1092-2-PN 16 from DN 200 mm please specify when ordering - other standards on request
- Due to the direct operation the release of lots of air is possible, even under full working pressure
- Please take the direction and maintenance instructions into consideration

### Valve maintenance

See page D2/2

### Suitable accessories

Air release stop for automatic air valves  
see D 1/3

No. 9864  
No. 9863



### Application example



Order no.	Version	Medium	Operating pressure bar	Nominal diameter/DN					
				2"	50	80	100	150	200
9864	stainless steel with flange connection	Wastewater	PN 0 - PN 16						
9864	stainless steel with 2" internal thread connection ISO 228								
9863	Steel, epoxy powder-coated with flange connection								
9863	Steel, epoxy power-coated with 2" internal thread connection								



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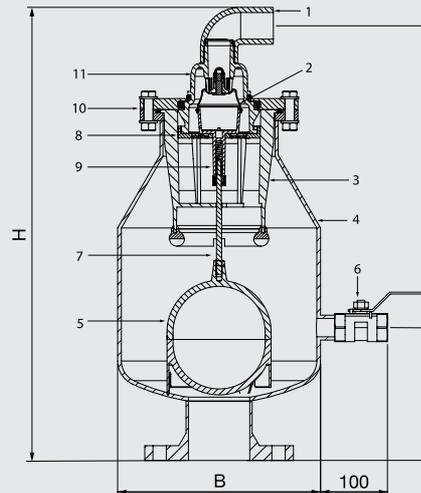
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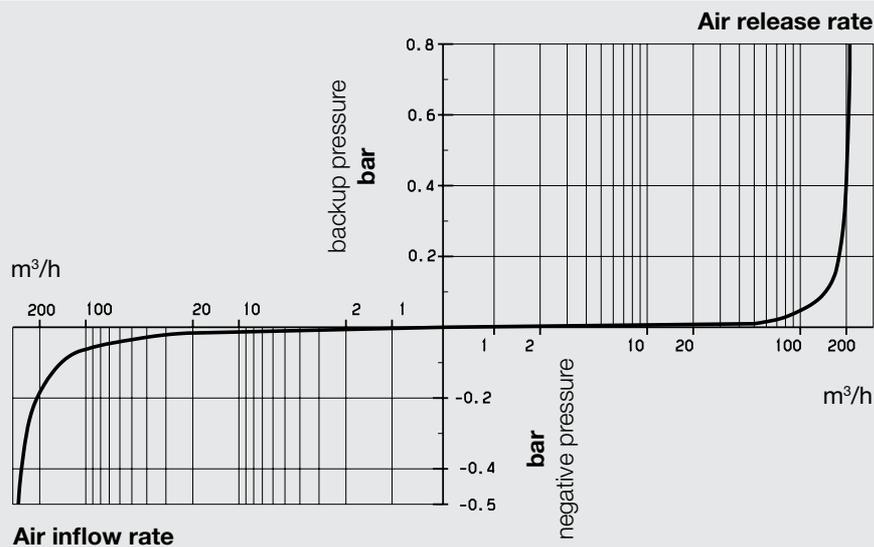


Flange / ID DN	B	H	Weight kg
2"	270	615	23,0
50	270	615	23,5
80	270	615	25,0
100	270	615	26,0
150	270	615	28,0
200	270	615	33,0



Part	No. 9864 version stainless steel	No. 9863 version steel-coated
1 outlet elbow with dirt sieve	PE 100 / stainless steel 1.4301	PE 100 / stainless steel 1.4301
2 diaphragm with retaining ring	(POM) Elastomer	(POM) Elastomer
3 protector	PE	PE
4 body	stainless steel 1.4301	Steel, epoxy powder-coated
5 float	POM	POM
6 ball valve outlet 1"	stainless steel	stainless steel
7 rod	stainless steel 1.4571	stainless steel 1.4571
8 body nut with sieve	POM / stainless steel 1.4301	POM / stainless steel 1.4301
9 diaphragm holder	POM	POM
10 fix flange	1.4571	Steel, epoxy powder-coated
11 Valve body-bonnet	POM	POM
bolts, nuts and springs	stainless steel A4	stainless steel A4

## Flow performance diagramm



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